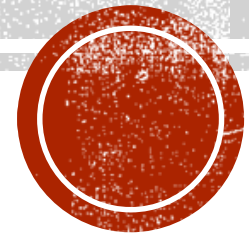


# TJJD RAISE THE AGE ANALYSIS

Estimating the impact of Raise the Age Legislation on  
County ADP



# PURPOSE

- To explain how TJJJ estimated the impact of proposed legislation on County average daily population (ADP)
- To encourage others to do their own estimates and projections
- To solicit feedback and suggestions for future iterations

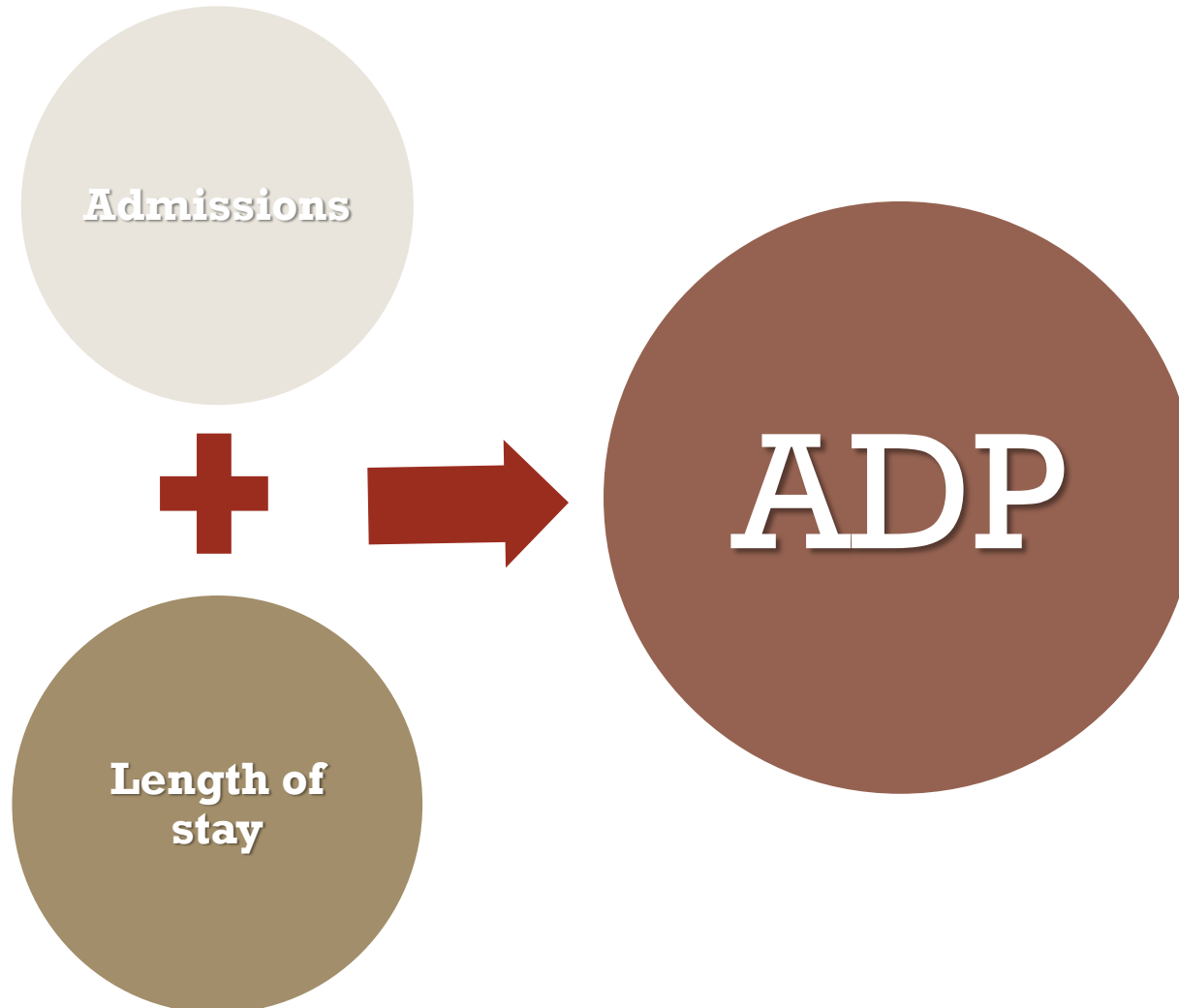


# BACKGROUND

- During the 85<sup>th</sup> Texas State Legislature, four bills sought to increase the age of juvenile jurisdiction by one year. All proposed:
  - Raising the age of criminal (adult) prosecution to 18
  - Extending juvenile court jurisdiction for youth on probation supervision to 19 (indeterminate) or 20 (determinate)
  - Raising TJJD's maximum age of jurisdiction to 20
- These changes apply to offenses committed on or after the effective date



# AVERAGE DAILY POPULATION



# ANALYSIS OVERVIEW

- Additional youth starting Probation Supervision, Deferred Prosecution Supervision, or Pre-Court supervision (e.g. conditions of release)
- Youth unsuccessfully discharged from supervision at age of majority
  - Assumption: these youth would remain on supervision until their 19<sup>th</sup> birthday under the proposed legislation instead of age 18 under current legislation

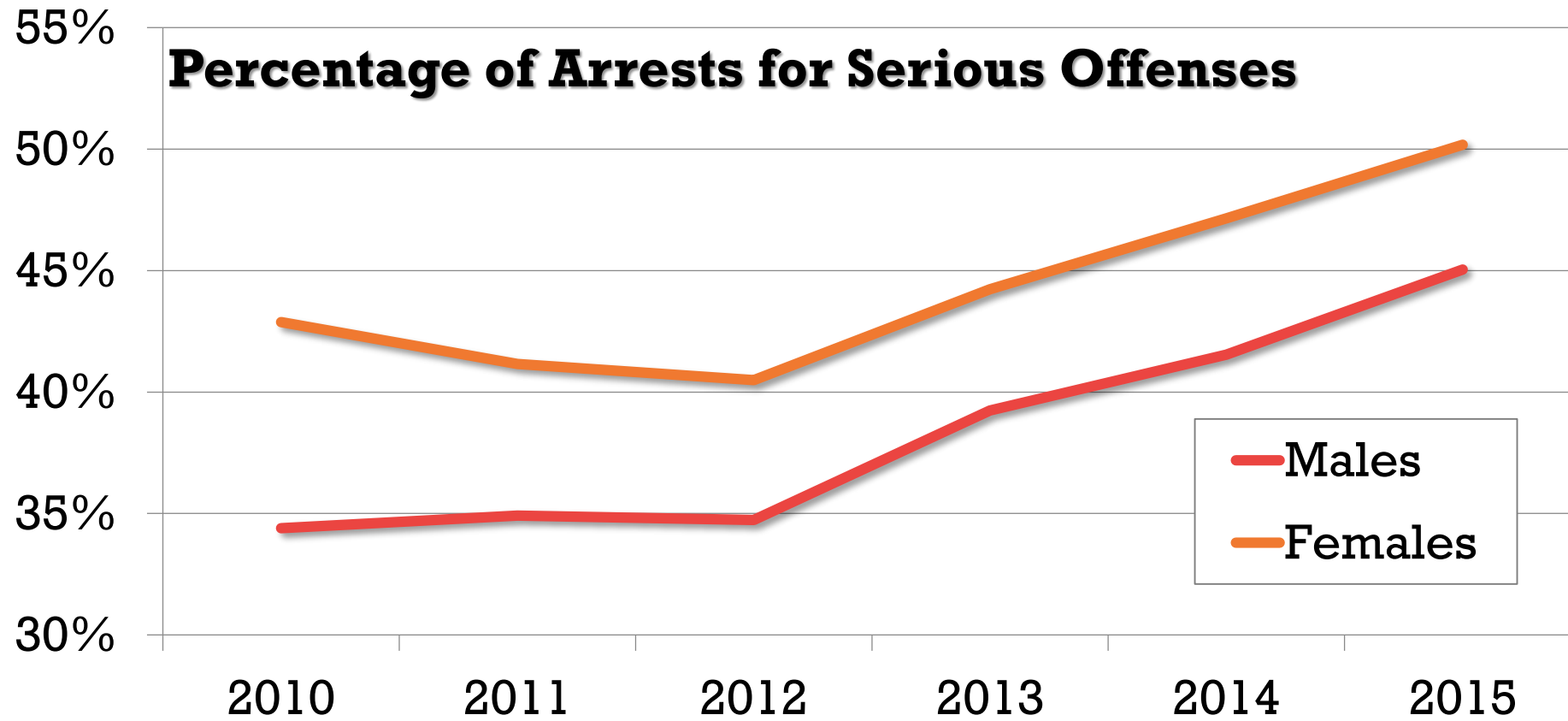


# ASSUMPTIONS

- The number of 17 year-olds arrested will remain constant at CY2015 figures
- 17 year-olds will be referred at the same average rate as 16 year-olds
  - The average referral rate calculated for arrests and referrals for CYs 2012-2015
- 17 year-olds will be disposed to supervision at a rate of 53%, matching the average disposition rate between CYs 2013-2015
  - 26.6% disposed to Deferred Prosecution Supervision
  - 26.8% disposed to Probation Supervision
- Referrals from juvenile probation departments will be reflected in the supervision length of stay records



# JUVENILE ARRESTS FOR SERIOUS OFFENSES



Source: TX Department of Public Safety



# WHY DO WE ASSUME CONSTANT ARRESTS?

Working from referral % decrease

	Referrals	Referrals of 16 y/o	Arrests 16 y/o
2012	81,380	19,298	29,462
2013	68,615	16,179	23,139
2014	64,090	15,015	19,585
2015	62,788	14,519	17,867
2016	56,683	13,116	22,691
2017	51,860	11,928	20,635
2018	47,447	10,913	18,879
2019	43,410	9,984	17,273
2020	39,716	9,135	15,803
2021	36,337	8,358	14,459
2022	33,245	7,646	13,228
2023	30,416	6,995	12,101

Working from splitting Index & Non-Index

	Index Arrests 16 y/o	Non-Index Arrests 16 y/o	16 y/o "Index" Referrals	16 y/o "Non-Index" Referrals	% Index	% Non-Index
2012	6835	22627	3375	15923	49.4%	70.4%
2013	6375	16764	2890	13289	45.3%	79.3%
2014	5792	13117	2633	12382	45.5%	94.4%
2015	5526	12341	2770	11749	50.1%	95.2%
Average %					47.6%	84.8%





# TO BUILD AN ESTIMATE, WE'LL NEED ESTIMATES OF....

- Number of arrests
- Law enforcement referral rate (% of youth referred to JPDs following an arrest)
- Disposition rate (% of youth disposed to supervision)
- Average length of stay by supervision type



# CALCULATING ADDITIONAL YOUTH





# ARRESTS & REFERRALS — 16 YEAR OLDS

	Arrests of 16-Year-Olds (All Offenses)	Referrals of 16-Yr-Olds to Probation Depts (Law Enforcement)	Percentage of 16-Year-Olds Referred
2012	29,462	17,054	57.9%
2013	23,139	15,689	67.8%
2014	19,585	14,865	75.9%
2015	17,867	14,184	79.4%
Average of Annual Referral Rates			70.2%



# ARRESTS AND REFERRALS - 17 YEAR OLDS

Year	Estimated Arrests 17 Yr Olds (All Offenses)	Estimated Percentage of 17 Yr Olds Referred	Estimated Referrals to Probation Depts (Law Enforcement)
Year 1	22,656	 70.2%	 15,914
Year 2	22,656	70.2%	15,914
Year 3	22,656	70.2%	15,914

Source, 2015 arrest data: TX Department of Public Safety



# ESTIMATED NEW SUPERVISIONS

	Referrals of 17-Yr-Olds to Probation Depts (Law Enforcement)	Percent Disposed to Deferred Prosecution/ Probation	New 17-Yr-Old Supervisions
Year 1	15,914	53.4%	8,498
Year 2	15,914	53.4%	8,498
Year 3	15,914	53.4%	8,498
Year 4	15,914	53.4%	8,498
Year 5	15,914	53.4%	8,498
Total, Years 1-5			42,490



# ADP ADJUSTMENT USING AVERAGE LENGTH OF STAY

Youth Aged 16 Ending Supervision FYs 12 – 16  
Average Length of Stay in Days, by Supervision Type and Year of Supervision

	<b>ALOS -First FY of Supervision</b>	<b>ALOS - Second FY of Supervision</b>	<b>ALOS - Third FY of Supervision</b>	<b>ALOS - Fourth FY of Supervision</b>
Probation	147.84	162.30	9.99	0.18
Deferred	111.43	54.76	0.05	0.00
Conditions of Release	67.24	29.13	0.71	0.03



# CALCULATING ADDITIONAL YOUTH DAYS

## YEAR ONE

## YEAR TWO

## YEAR THREE

## YEAR FOUR

## YEAR FIVE

Additional youth year 1	Additional youth year 2	Additional youth year 3	Additional youth year 4	Additional youth year 5
X	X	X	X	X
LOS year 1	LOS year 1	LOS year 1	LOS year 1	LOS year 1
	+	+	+	
	Additional youth year 1	Additional youth year 2	Additional youth year 3	Additional youth year 4
	X	X	X	X
	LOS year 2	LOS year 2	LOS year 2	LOS year 2
		+	+	+
		Additional youth year 1	Additional youth year 2	Additional youth year 3
		X	X	X
		LOS year 3	LOS year 3	LOS year 3



# YOUTH ENDING SUPERVISION UNSUCCESSFULLY AT AGE OF MAJORITY

	Year 1	Year 2	Year 3	Year 4	Year 5
Additional Youth					
Probation	183	183	183	183	183
Additional Youth Days					
Probation	66795.00	66795.00	66795.00	66795.00	66795.00
Additional ADP					
Probation	183	183	183	183	183





# ADDITIONAL YOUTH, YOUTH DAYS, AND DAILY POPULATION

	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Additional Youth</b>					
<b>Probation</b>	4,265	4,265	4,265	4,265	4,265
<b>Deferred Prosecution</b>	4,233	4,233	4,233	4,233	4,233
<b>Pre-Court</b>	3,032	3,032	3,032	3,032	3,032
<b>Additional Youth Days</b>					
<b>Probation</b>	630537.60	1322747.10	1365354.45	1366122.15	1366122.15
<b>Deferred Prosecution</b>	471683.19	703482.27	703693.92	703693.92	703693.92
<b>Pre-Court</b>	203871.68	292193.84	294346.56	294437.52	294437.52
<b>Additional ADP</b>					
<b>Probation</b>	1,909	3,804	3,921	3,923	3,923
<b>Deferred Prosecution</b>	1,291	1,926	1,927	1,927	1,927
<b>Pre-Court</b>	558	800	806	806	806
<b>All Supervision Types</b>	<b>3,888</b>	<b>6,722</b>	<b>6,846</b>	<b>6,848</b>	<b>6,848</b>



# DISCUSSION

- Did anyone provide a fiscal estimate to the legislative budget board fiscal note?
  - If so, how did you complete the estimate?
- Has anyone calculated projections outside of the legislative session?
  - If so, how did you complete the estimate?
- Your take on our projections for the recent fiscal note
  - Any suggestions for future projections, comments, questions or concerns



# CONTACT INFORMATION

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